**Measuring Sound Waves Worksheet Answer Key**

1. My instrument had \_\_\_depends on what they made\_\_\_ strings.
2. It is \_\_depends on instrument\_\_\_inches tall.
3. It is \_\_\_depends on design\_\_inches wide.
4. My biggest soundwave was \_\_\_ depends on design \_\_\_\_inches wide.
5. My smallest soundwave was \_\_\_ depends on design \_\_\_inches wide.
6. The longest distance between my waves was \_\_ depends on design \_\_inches.
7. The shortest distance between my waves was \_ depends on design \_\_\_inches.
8. Do you think that your smaller soundwaves mean they are:
	1. Louder
	2. Quieter
9. Do you think that your bigger soundwaves mean they are:
	1. Louder
	2. Quieter
10. What do you think seeing the vibrations that sound makes can teach us about how sound travels?

It can tell show us that bigger vibrations create louder sounds and smaller vibrations create quieter sounds.